EXHIBIT R-2, RDT&E Budget Item Justification						DATE: February 2004	
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA	-4			R-1 ITEM NOM 0603739N Navy	ENCLATURE	•	
COST (\$ in Millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE0603739N Cost	25.444	17.989	7.421	6.713	6.716	6.707	6.819
T1886 Rapid Retargeting *	2.672	0.000	0.000	0.000	0.000	0.000	0.000
T2767 Collaborative Logistics Productivity Program **	6.492	0.000	0.000	0.000	0.000	0.000	0.000
T2769 Compatible Processor Upgrade Program ***	1.909	5.044	0.000	0.000	0.000	0.000	0.000
T2920 Ordnance Management ****	4.346	4.056	4.459	3.759	3.679	3.609	3.655
T9358 Life Cycle Savings Through Machine Technology		2.967					
S2920 Ordnance Management	4.636						
W2955 JEDMICS	3.383	3.450	2.962	2.954	3.037	3.098	3.164
W9047 JEDMICS Enhancements	2.006	2.472					
W9048 JEDMICS Security							
Quantity of RDT&E Articles Not Applicable							

<sup>\*</sup> Rapid Retargeting is a Congressional add executed under project unit T1886 in FYs 2000 - 2003..

### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

Ordnance Management - Covers the conversion of Naval Ammunition Logistics Center(NALC) systems to the Ordnance Information Systems(OIS). These upgrades were previously procured with Operation and Maintenance, Navy funding. Funding has been moved to RDT&E,N to comply with 28 Oct 99 OSD Comptroller and 2 Nov 99 ASN(FMC) direction clarifying use of RDT&E funds.

JEDMICS - In FY85 Congress directed the Services and Defense Logistics Agency to permanently capture, manage and control engineering data in digital format so it would be available to support competitive spares reprocurement. As of April 2000, the Joint Engineering Data Management Information & Control System (JEDMICS) program manages and controls 78,500,000 engineering images and has 32,000 authorized users responsible for over 70,000 user sessions per month. Over 2 million digital images are retrieved each month. New data and new users are added each month as DoD re-engineers its business processes to take advantage of digital data that is managed and controlled for corporate reuse. The JEDMICS system is deployed at 29 interoperable sites that service 600 locations worldwide. Data stored in JEDMICS is used for Logistics Support, Spares re-procurement, Weapons Systems procurement, Engineering, Maintenance, Distribution, Manufacturing, Air National Guard and Deployed Engineering Technical Services organizations. JEDMICS facilitates work process re-design since its brings the electronic drawings to the desktop, shop floor or flight line in real time eliminating walk, wait and slack time to retrieve drawings. Additionally, Administrative Lead Time, Repair Turn Around Time, ECP processing time, demilitarization time, and all cycle times dependent on engineering data have decreased with the real time availability of digital engineering data. JEDMICS also facilitates Electronic Commerce since it produces digital technical data packages that can be forwarded along with an electronic order. Funds are for Commercial Off The Shelf (COTS) evaluation, integration, and test and evaluation. JEDMICS funds development efforts which are required to integrate COTS upgrades.

\*\*\*\* The FY 2003 control was erroneously overstated by \$3.4M. The correct amount is reported above.

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<sup>\*\*</sup> Collaborative Logistics Productivity Program (formally VSIP) is a Congressional add executed under project unit T2767 in FYs 2000 - 2003.

<sup>\*\*\*</sup> Compatible Processor Upgrade Program is a Congressional add executed under project unit T2769 in FYs 2000 - 2004.

EXH	IBIT R-2a, RDT	&E Project J	ustification				DATE:		
APPROPRIATION/BUDGET ACTIVITY	PROGRAM	<b>ELEMENT I</b>	NUMBER AN	ID NAME	PROJECT N	NUMBER AND	ND NAME		
RDT&E, N / BA-4	0603739N N	Navy Logistic	Productivity		T1886 Rapi	d Retargeting			
COST (\$ in Millions)		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
Project Cost		2.672	0.000	0.000	0.000	0.000	0.000	0.000	
RDT&E Articles Qty									

## A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

Rapid Retargeting (RRT) is a new design process which will provide the technology to eliminate obsolete components and reduce multiple electronic modules into a single, programmable design. This process will also be employed to replace many standard module types with programmable COTS components thus greatly reducing shipboard sparing requirements.

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## **CLASSIFICATION:**

EXHIBIT R-2a, RDT&E Project Justification			DATE: February 2004
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAM	
RDT&E, N / BA-4	0603739N Navy Logistic Productivity	T1886 Rapid Retargeting	
B. Accomplishments/Planned Program			
A constant of the state of the	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost RDT&E Articles Quantity	2.672		
	FV 00	5V04	EV 05
151 151 151 150	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost RDT&E Articles Quantity			
		·	
	R-1 SHOPPING LIST - Item No	66	3 of 58

# **UNCLASSIFIED**

EXHIBIT R-2a, RDT&E Project Justification					DATE:
					February 2004
APPROPRIATION/BUDGET ACTIVITY					IBER AND NAME
RDT&E, N / BA-4	0603739N Na	vy Logistic Pro	ductivity 1	1886 Rapid Re	etargeting
C. PROGRAM CHANGE SUMMARY:					
Funding: Last President's Budget Adjustments since the last President's Bud Current Baseline	lget	FY 2003 2.738 -0.066 2.672	FY 2004 0.000 0.000	FY 2005 0.000 0.000	
Summary of Adjustments Congressional program reductio Congressional undistributed red Congressional rescissions SBIR/STTR Transfer Economic Assumtions Reprogrammings Congressional increases Subtotal		-0.066	0.000	0.000	
Schedule: Not Applicable					
Technical: Not Applicable					
		R-1 SHOPP	ING LIST - I	Item No. 66	4 of 58

R-1 SHOPPING LIST - Item No. 66 4 of 58

## **UNCLASSIFIED**

EXHIBIT R-2a, RDT&E Project Justification			DATE:
			February 2004
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AN	D NAME
RDT&E, N / BA-4	0603739N Navy Logistic Productivity	T1886 Rapid Retargeting	

## D. OTHER PROGRAM FUNDING SUMMARY:

<u>Line Item No. & Name</u>

To Total

<u>FY 2003</u> <u>FY 2004</u> <u>FY 2005</u> <u>FY 2006</u> <u>FY 2007</u> <u>FY 2008</u> <u>FY 2009</u> <u>Complete</u> <u>Cost</u>

Not Applicable

### **E. ACQUISITION STRATEGY: \***

CPFF - Titan/Visicom

## F. MAJOR PERFORMERS: \*\*

List major contractors, universities, colleges, government facilities, federally funded research and development centers, laboratories, center, or other organizations contributing to this effort through BY2 (FY 2005). Only list those who were primary recipients of funds (e.g., received 15% or over \$10 million, whichever is less). Include name or titles, locations and brief description of work performed. Include actual or projected award date (month/year).

- \* Not required for Budget Activities 1,2,3, and 6
- \*\* Required for DON and OSD submit only.

R-1 SHOPPING LIST - Item No.

## CLASSIFICATION:

						DATE:						
Exhibit R-3 Cost Analysis (pag APPROPRIATION/BUDGET A	e 1)					February 2	004					
APPROPRIATION/BUDGET A	CTIVITY	PRC	GRAM ELEMENT	PROJECT NUM		AME						
RDT&E, N / BA-4		0603	3739N Navy Logistic Productivity	T1886 Rapid Re								
Cost Categories	Contrac	Performing	Total		FY 03		FY 04		FY 05			
		Activity &	PY s		Award	FY 04	Award	FY 05	Award	Cost to	Total	Target Value
		Location	Cost	Cost	Date	Cost	Date	Cost	Date	Complete	Cost	of Contract
Primary Hardware Developme	nt										0.000	
Ancillary Hardware Developme	ent										0.000	
Systems Engineering											0.000	
Licenses											0.000	
Licenses Tooling											0.000	
GFE											0.000	
Award Fees											0.000	
Subtotal Product Developme	nt		0.00	0.000		0.000	)			0.000	0.000	
Development Support Equipm	ent										0.000	
		TITAN/VISICOM	CA	2.519	08/03						2.519	
Training Development											0.000	
Integrated Logistics Support											0.000	
Configuration Management											0.000	
Technical Data											0.000	
GFE											0.000	
Subtotal Support				2.519		0.000	)			0.000		
Remarks:												

R-1 SHOPPING LIST - Item No. 66

## **CLASSIFICATION:**

=vhibit D 2 Coot Analysis (nogs 2)							DATE: February 2	2004			
Exhibit R-3 Cost Analysis (page 2) APPROPRIATION/BUDGET ACTIVI	TV		PROGRAM ELEME	NT	PRO IECT NI	MBER AND NA	ME	2004			
RDT&E, N / BA-4	1 1		0603739N Navy Lo		T1886 Rapid F		IVIL				
Cost Categories	Method	Performing Activity & Location	1000010014 14dVy 205	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	и турс	Location		0031	0031	Date	0031	Date	Complete	0.000	
Operational Test & Evaluation										0.000	
Tooling	_									0.000	
GFE	1									0.000	
Subtotal T&E	1			0.0	0.00	0	0.00	0	0.000		
				_							
Contractor Engineering Support	1									0.000	
Government Engineering Support										0.000	
Program Management Support	WX	NAVSUP M	echanicsburg PA		0.15	3 08/03				0.153	
ravel										0.000	
abor (Research Personnel)										0.000	
Overhead										0.000	
Subtotal Management					0.15	3	0.00	0	0.000	0.153	
Remarks:											

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## **UNCLASSIFIED**

EXHIBIT R4, Schedule F																					DATE Febr	uary 20	004					
APPROPRIATION/BUDGET . RDT&E, N / BA-4	ACTIVI	TY			PROC 06037				IUMBE Produ		O NAM	E							NUMBE			ΛE						
Fiscal Year		20	003			20		U			05			20	006				007			200	08			20	009	
	1	2	3	4	. 1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	2 3	4	1	2	3	4
Acquisition Milestones																												
Developmental Testing																												
Test & Evaluation Milestones																												
Development Test Operational Test																												
Production Milestones																												
LRIP I FY 05																												
LRIPII FY 06																												
FRP FY 07																												
Deliveries									SHC											3 of 5								

<sup>\*</sup> Not required for Budget Activities 1, 2, 3, and 6

Exhibit R-4 T1886

# **UNCLASSIFIED**

Exhibit R-4a, Schedule Detail					DATE: February 20	004	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	EMENT		PROJECT NU	MBER AND N	AME	
RDT&E, N / BA-4	0603739N Na	y Logistic Prod	ductivity	T1886 Rapid	Retargeting		
Schedule Profile	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Prototype Phase							
System Design Review (SDR)							
Milestone II (MSII)							
Contract Preparation							
Software Specification Review (SSR)							
Preliminary Design Review (PDR)							
System Development							
Critical Design Review (CDR)							
Quality Design and Build							
Test Readiness Review (TRR)							
Developmental Testing (DT-IIA)	1Q-4Q						
Eng Dev Model (EDM) Radar Delivery - Lab							
Software Delivery 1XXSW							
Preproduction Readiness Review (PRR)							
EDM Radar Delivery - Flt Related							
Milestone C (MS C)							
Operational Testing (OT-IIA)							
Start Low-Rate Initial Production I (LRIP I)							
Software Delivery 2XXSW							
Developmental Testing (DT-IIB1)							
Developmental Testing (DT-IIB2)							
Start Low-Rate Initial Production II							
Operational Testing (OT-IIB)							
Developmental Testing (DT-IIC)							
Functional Configuration Audit (FCA)	•						
Low-Rate Initial Production I Delivery	•						
Technical Evaluation (TECHEVAL)				1			
Physical Configuration Audit				1			
Operational Evaluation (OT-IIC) (OPEVAL)				1	1		
Low-Rate Initail Production II Delivery							
IOC							
Full Rate Production (FRP) Decision							
Full Rate Production Start				†			
First Deployment							
= = = = = = = = = = = = = = = =				†			

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Exhibit R-4a T1886

	EXHIBIT R-2a, RD	T&E Project Justific	ation			DATE:	
						February 2004	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEM	ENT NUMBER AN	D NAME	PROJECT NUMI	BER AND NAME		
RDT&E, N / BA-4	0603739N Navy Lo	ogistic Productivity		T2767 Collabora	tive Logistics Pro	ductivity Virtual S	ystems
COST (\$ in Millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost	6.492	0.000	0.000	0.000	0.000	0.000	0.000
RDT&E Articles Qty							

### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

Collaborative Logistics Productivity (CLP) is a government owned, contractor maintained, web-enabled information program providing DoD users with access to an open environment of logistics, supply chain, and engineering design interface data. Beginning in FY 02, CLP expands upon the objectives of its predecessor, the Virtual System Implementation Program, by adding logistics initiatives to the pre-existing engineering network. Given its broader purpose, CLP is designed to provide the Navy engineering and logistics infrastructure with the tools to shorten weapons system acquisition lead time, reduce equipment sparing requirements and improve equipment sustainability, while decreasing total ownership costs. Geographically dispersed users --- including DLA, the NAVICP, acquisition program managers, engineering field activities, and private industry --- will use CLP integrated data and standard tools from multiple sources to work collaboratively to develop and sustain weapons systems while leveraging existing/emerging applications for improved decision making.

R-1 SHOPPING LIST - Item No. 66

## **CLASSIFICATION:**

XHIBIT R-2a, RDT&E Project Justific	ation		DATE:
			February 2004
ROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	
T&E, N / BA-4	0603739N Navy Logistic Productivity	T2767 Collaborative Logistics	Productivity Virtual Systems
Accomplishments/Planned Program	,	•	
tooop.iooou 1 rogram			
	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	6.492		
	<u> </u>	+	<del> </del>
RDT&E Articles Quantity FY 03 funding was used to expand the FY 02	e effort.		
·		EV.04	DVos
·	effort.	FY 04	FY 05

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## **CLASSIFICATION:**

EXHIBIT R-2a, RDT&E Project Justification				DATE:
PPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME		PROJECT NUMBER AND NAME	February 2004
RDT&E, N / BA-4	0603739N Navy Logistic Productivity		T2767 Collaborative Logistics Productive	ity virtuai Systems
C. PROGRAM CHANGE SUMMARY:				
Funding:	FY 2003	FY 2004	FY 2005	
Last President's Budget	6.648	0.000	0.000	
Adjustments since the last President's Budget	-0.156	0.000	0.000	
Current Baseline	6.492	0.000	0.000	
Summary of Adjustments				
Congressional program reductions				
Congressional undistributed reductions	3			
Congressional rescissions SBIR/STTR Transfer				
Economic Assumtions	-0.156			
Reprogrammings				
Congressional increases Subtotal	-0.156	0.000	0.000	
Subtotal	-0.130	0.000	0.000	
Schedule:				
Not Applicable				
Technical:				
Not Applicable				
Тостириносыю				

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## CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE:		
							February 2004	4	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEM	IENT NUMBER A	ND NAME	PROJECT NUI	MBER AND NA	λME			
RDT&E, N / BA-4	0603739N Navy L	ogistic Productivit	у	T2767 Collab	orative Logist	ics Productiv	ity Virtual Sys	tems	
D. OTHER PROGRAM FUNDING SUMMARY:								To	Total
Line Item No. & Name	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	<u>Complete</u>	<u>Cost</u>
Not Applicable									
E. ACQUISITION STRATEGY: *									
CPFF - Concurrent Tech Corp									
F. MAJOR PERFORMERS: **									
Not Applicable									
* Not required for Budget Activities 1,2,3, and	6								
** Not required for Budget Activities 1,2,3, and the second secon	O								

R-1 SHOPPING LIST - Item No.

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## CLASSIFICATION:

Exhibit R-3 Cost Analysis (page	ne 1)									DATE: February 2004		
APPROPRIATION/BUDGET ACTIV	ITY	PROGR	RAM ELEMENT	PROJECT NUMBER A	AND NAME					1 Coldary 2004		
RDT&E, N / BA-4			9N Navy Logistic Productivity			ctivity Virtual S	Systems					
Cost Categories	Contract Method & Type		Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Primary Hardware Development	u . , p o	200411011	0001	000.	Date	000.	24.0	0001	24.0	Complete	0.000	0. 00
Ancillary Hardware Development											0.000	
Systems Engineering											0.000	
Licenses											0.000	
Tooling GFE											0.000	
GFE											0.000	
Award Fees											0.000	
Subtotal Product Development			0.000	0.000	1	0.0	00			0.000	0.000	
Development Support Equipment											0.000	
Software Development	CPFF	Concurrent Tech Corp PA	A	5.965	08/03						5.965	17.773
Training Development											0.000	
Integrated Logistics Support											0.000	
Configuration Management											0.000	
Technical Data											0.000	
GFE											0.000	
Subtotal Support			0.000	5.965		0.0	00			0.000	5.965	
Remarks:												
			R-1 SHOPPING I	LIST - Item No. 66		14 of 58						

## CLASSIFICATION:

							DATE:						
Exhibit R-3 Cost Analysis (page	2)						February 20	004					
APPROPRIATION/BUDGET ACTIVIT	Y		PROGRAM EL	LEMENT	PROJECT NU	MBER AND NAME	i oblidary 20	70-1					
RDT&E, N / BA-4				vy Logistic Productivity		orative Logistics I	Productivity Vir	tual System	S				
Cost Categories		Performing		Total		FY 03		FY 04		FY 05			
		Activity &				Award	FY 04	Award	FY 05	Award	Cost to	Total	Target Value
	& Type	Location		Cost	Cost	Date	Cost	Date	Cost	Date	Complete	Cost	of Contract
Developmental Test & Evaluation												0.000	
Operational Test & Evaluation												0.000	
Tooling												0.000	
GFE												0.000	
Subtotal T&E				0.000	0.000		0.000	)	0.00	00	0.000	0.000	
Contractor Engineering Support												0.000	
Government Engineering Support												0.000	
Program Management Support	WX	NAVSUP Mech	nanicsburg PA		0.527	08/03						0.527	
Travel												0.000	
Labor (Research Personnel)												0.000	
Overhead												0.000	
Subtotal Management				0.000	0.527		0.000	)	0.00	00	0.000	0.527	
Remarks:													
Total Cost				0.000	6.492		0.000	)			0.000	6.492	
Remarks:													

R-1 SHOPPING LIST - Item No. 66

## **UNCLASSIFIED**

EXHIBIT R4, Schedule Pro																					DATE Febru	ary 200	4					
APPROPRIATION/BUDGET AC RDT&E, N / BA-4	TIVITY							ENT N ogistic			MAN C	E					PROJ T276					/iE cs Produ	uctivity	/ Virtu	al Syst	ems		
Fiscal Year		20	003			20	004			20	005			20	06			20	007			20	80			20	09	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	2 3	4	1	2	3	4
Acquisition Milestones																												
Developmental Testing																												
Test & Evaluation Milestones																												
Development Test Operational Test																												
Production Milestones																												
LRIP I FY 05																												
LRIPII FY 06																												
FRP FY 07																												
Deliveries									SHC																			

 $<sup>^{\</sup>star}$  Not required for Budget Activities 1, 2, 3, and 6

Exhibit R-4 T2767

## **CLASSIFICATION:**

Exhibit R-4a, Schedule Detail					DATE:		
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EL	EMENIT		PROJECT NUME	February 2004		
						l4": -"4 \ /"-41	0
RDT&E, N / BA-4		y Logistic Prod			ative Logistics Pr		
Schedule Profile	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Prototype Phase							
System Design Review (SDR)							
Milestone II (MSII)							
Contract Preparation							
Software Specification Review (SSR)							
Preliminary Design Review (PDR)							
System Development							
Critical Design Review (CDR)							
Quality Design and Build							
Test Readiness Review (TRR)							
Developmental Testing (DT-IIÁ)	1Q-4Q						
Eng Dev Model (EDM) Radar Delivery - Lab							
Software Delivery 1XXSW							
Preproduction Readiness Review (PRR)							
EDM Radar Delivery - Flt Related							
Milestone C (MS C)							
Operational Testing (OT-IIA)							
Start Low-Rate Initial Production I (LRIP I)							
Software Delivery 2XXSW							
Developmental Testing (DT-IIB1)							
Developmental Testing (DT-IIB2)							
Start Low-Rate Initial Production II							
Operational Testing (OT-IIB)							
Developmental Testing (DT-IIC)							
Functional Configuration Audit (FCA)							
Low-Rate Initial Production I Delivery							
Technical Evaluation (TECHEVAL)							
Physical Configuration Audit							
Operational Evaluation (OT-IIC) (OPEVAL)							
Low-Rate Initail Production II Delivery							
IOC							
Full Rate Production (FRP) Decision							
Full Rate Production Start							
First Deployment							
That Doploymont				+			

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EXHIBIT R-	2a, RDT&E Pr	oject Justifica	ation			DATE:	
						February 2004	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	EMENT NUM	BER AND NAN	PROJECT NU	MBER AND NAI	ME	
RDT&E, N / BA-4	0603739N Nav	y Logistic Prod	ductivity	T2769 Comp	atible Processo	or Upgrade Pro	gram
COST (\$ in Millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost	1.909	0.000	0.000	0.000	0.000	0.000	0.000
RDT&E Articles Qty							

### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The Compatible Processor Upgrade Program (CPUP) is a system-on-a-chip applications where specific standard processor products are used to modernize existing systems while preserving legacy software and infrastructure, adapt commercial designs for radiation environments and to optimize system designs for the best mix of performance, system size and weight, power usage and heat generation. These products are foundry technology independent and provide for long term availability. Funds are required by 1 Oct 2000. The program will be executed using a fixed price contract with CPU Technology, Inc., of Pleasanton, CA and the funds will be obligated by 30 Sep 2002. The impact of not receiving these funds as soon as possible after the fiscal year begins would be to increase support costs, adding to weapon system obsolescence and increased support problems. Response to the need for fleet upgrades of performance, function and reliability will be at great disadvantage to Navy operational readiness requirements.

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## **CLASSIFICATION:**

EXHIBIT R-2a, RDT&E Project Justific	cation		DATE:
•			February 2004
PPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	AME
RDT&E, N / BA-4	0603739N Navy Logistic Productivity	T2769 Compatible Proce	ssor Upgrade Program
. Accomplishments/Planned Program			
	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	1.909		
RDT&E Articles Quantity			
	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost		0.000	0.000
RDT&E Articles Quantity			
Continue the FY 03 effort.			
Contained the FF occurrent.			

R-1 SHOPPING LIST - Item No. 66

## **CLASSIFICATION:**

EXHIBIT R-2a, RDT&E Project Justification				DATE:
				February 2004
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND	NAME	PROJECT NUMBER AND NAME	
RDT&E, N / BA-4	0603739N Navy Logistic Productivity		T2769 Compatible Processor Upgrade	Program
C. PROGRAM CHANGE SUMMARY:				
Funding:	FY 2003	FY 2004	FY 2005	
Last President's Budget	1.955	0.000	0.000	
Adjustments since the last President's Budget	-0.046	0.000	0.000	
Current Baseline	1.909	0.000	0.000	
Summary of Adjustments Congressional program reductions Congressional undistributed reductions Congressional rescissions				
SBIR/STTR Transfer Economic Assumtions Reprogrammings Congressional increases	-0.046			
Subtotal	-0.046	0.000	0.000	
Schedule:				
Not Applicable				
Technical:				
Not Applicable				
	R-1 SHOPPING	IST - Itom	No. 66	20 of 58
	IN-1 SHOFFING	-101 - 116111	1110.	20 OI JU

## **CLASSIFICATION:**

EXHIBIT R-2a, RDT&E Project Justification									DATE: February 2004	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM E	LEMENT NUM	BER AND NAM	1E	PROJECT NU	IMBER AND N	AME		,	
RDT&E, N / BA-4	0603739N Na	vy Logistic Pro	ductivity		T2769 Comp	atible Proces	sor Upgrade	Program		
D. OTHER PROGRAM FUNDING SUMMARY:								То	Total	
Line Item No. & Name	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Cost	
Not Applicable										
E. ACQUISITION STRATEGY: *										
Not Applicable										
F. MAJOR PERFORMERS: **										
Not Applicable										
* Not required for Budget Activities 1,2,3, and ** Required for DON and OSD submit only.	6									
		R-1 SHOP	PING LIST -	Item No.	66		21 of 58			

Exhibit R-3 Cost Analysis (pag	ge 1)											DATE: February 2004	
APPROPRIATION/BUDGET ACTIV	/ITY		PROGRAM EI		PROJECT NU								
RDT&E, N / BA-4	1-						essor Upgrade F		T		1		_
Cost Categories		Performing		Total PY s		FY 03 Award		FY 04 Award	FY 05	FY 05 Award	Cost to	Total	Target Value
		Activity & Location		Cost		Date	Cost	Date		Date	Complete	Cost	Target Value of Contract
Primary Hardware Development	и туро	Location		0001	0001	Date	0001	Duio	0001	Date	Complete	0.000	
Ancillary Hardware Development												0.000	
Systems Engineering												0.000	
Licenses												0.000	
Tooling												0.000	
GFE												0.000	)
Award Fees												0.000	)
Subtotal Product Development				0.000	0.000		0.000				0.000	0.000	)
	1					T		1					
Development Support Equipment												0.000	
Software Development	FP	CPU Tech CA			1.752		0.000					1.752	
Training Development												0.000	
Integrated Logistics Support												0.000	
Configuration Management												0.000	
Technical Data												0.000	
GFE												0.000	
Subtotal Support				0.000	1.752		0.000	)	0.000		0.000	1.752	!
Remarks:													
				R-1 SHOPPING LIS	ST No. 66		22 of 58						<u>u</u>

## LINICI VEGIEIED

## CLASSIFICATION:

	2)											DATE:	
Exhibit R-3 Cost Analysis (page			T									February 2004	
APPROPRIATION/BUDGET ACTIVI	.TY		PROGRAM E		PROJECT NU			D					
RDT&E, N / BA-4	10			avy Logistic Productivity	12769 Comp	FY 03	ssor Upgrade F	FY 04		TEV 05	_	<del></del>	1
Cost Categories	Contract Method	Performing Activity &		Total PY s	FY 03	Award		Award		FY 05 Award	Cost to	Total	Target Value
	& Type	Location		Cost	Cost	Date		Date		Date			of Contract
Developmental Test & Evaluation	71											0.000	
Operational Test & Evaluation												0.000	
Tooling											-	0.000	
GFE											-	0.000	
Subtotal T&E				0.000	0.000	ס	0.000	)	0.000		0.000	0.000	
Contractor Engineering Support						Ī .						0.000	
Government Engineering Support												0.000	
Program Management Support	WX	NAVSUP Mecha	anicsburg PA		0.157	7		TBD				0.157	
Travel												0.000	
Labor (Research Personnel)												0.000	
Overhead												0.000	
Subtotal Management				0.000	0.157	7	0.000	)	0.000		0.000	0.157	
Remarks:													
Total Cost		1		0.000	1.909	9	0.000		0.000		0.000	1.909	
Remarks:													

R-1 SHOPPING LIST No. 66

## **UNCLASSIFIED**

EXHIBIT R4, Schedule F																					DATE Febru	ary 2004	4					
APPROPRIATION/BUDGET . RDT&E, N / BA-4	ACTIVI	TY							NUMBE : Produ		O NAM	E								ER AN		л <mark>Е</mark> or Upgra	ade Pr	ogram	1			
Fiscal Year		20	003			20		- 5			005			20	006				007			20		- 9		20	009	
	1	2	3	4	. 1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	2 3	4	1	2	3	4
Acquisition Milestones																												
Developmental Testing																												
Test & Evaluation Milestones																												
Development Test Operational Test																												
Production Milestones																												
LRIP I FY 05																												
LRIPII FY 06																												
FRP FY 07																												
Deliveries									1 SHC									24 of 5										

<sup>\*</sup> Not required for Budget Activities 1, 2, 3, and 6

Exhibit R-4 T2769

## **CLASSIFICATION:**

xhibit R-4a, Schedule Detail					DATE:		
					February 2004	ļ	
PPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	LEMENT		PROJECT NU	JMBER AND N	AME	
DT&E, N / BA-4	0603739N Na	vy Logistic Prod	ductivity	T2769 Comp	atible Process	sor Upgrade F	rogram
chedule Profile	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Prototype Phase							
System Design Review (SDR)							
Milestone II (MSII)							
Contract Preparation							
Software Specification Review (SSR)							
Preliminary Design Review (PDR)							
System Development							
Critical Design Review (CDR)							
Quality Design and Build							
Test Readiness Review (TRR)							
Developmental Testing (DT-IIA)	Q1-Q4						
Eng Dev Model (EDM) Radar Delivery - Lab							
Software Delivery 1XXSW							
Preproduction Readiness Review (PRR)							
EDM Radar Delivery - Flt Related							
Milestone C (MS C)							
Operational Testing (OT-IIA)							
Start Low-Rate Initial Production I (LRIP I)							
Software Delivery 2XXSW							
Developmental Testing (DT-IIB1)							
Developmental Testing (DT-IIB2)							
Start Low-Rate Initial Production II							
Operational Testing (OT-IIB)							
Developmental Testing (DT-IIC)							
Functional Configuration Audit (FCA)							
Low-Rate Initial Production I Delivery							
Technical Evaluation (TECHEVAL)							
Physical Configuration Audit							
Operational Evaluation (OT-IIC) (OPEVAL)							
Low-Rate Initail Production II Delivery							
IOC							
Full Rate Production (FRP) Decision							
Full Rate Production Start							
First Deployment							İ

R-1 SHOPPING LIST - Item No. 66

## **UNCLASSIFIED**

	0110		<u> </u>							
EXHIBIT	R-2a, RDT&E Pro	ject Justifica	ition			DATE:				
						February 20	04			
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	EMENT NUME	BER AND NAM	PROJECT NU	MBER AND N	AME				
RDT&E, N / BA-4	·									
COST (\$ in Millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009			
Project Cost	4.346	4.056	4.459	3.758	3.679	3.609	3.655			
RDT&E Articles Qty										

### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

Naval Ammunition Logistics Center(NALC) systems conversion to the Ordnance Information Systems(OIS): The OIS is an umbrella concept that integrates approximately 12 different functions that are currently produced by "stove-pipe" systems. OIS is an integrated suite of tools that uses the latest available information technology and best commercial practices to provide timely, relevant and accurate ordnance information and global ordnance visibility. It integrates wholesale, retail, and unique ordnance decision support systems to facilitate global ordnance positioning and information sharing across the DoN ordnance community to maximize warfighter support. Without a robust ordnance information system, the Navy and Marine Corps Aviation's ability to prevail in combat is jeopardized. This degradation will increase exponentially in the joint environment and the RDT&E initiatives listed herein are designed to ensure maximum Information Technology(IT) capability.

R-1 SHOPPING LIST - Item No. 66

# **UNCLASSIFIED**

	ication		DATE:
DODDIATION/DUDGET ACTIVITY	DDOOD AM ELEMENT NUMBER AND NAME	IDDO IECT NILIMBED AND N	February 2004
PROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	
T&E, N / BA-4	0603739N Navy Logistic Productivity	T2920 Ordnance Manage	ment
Accomplishments/Planned Program			
	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	4.346		
RDT&E Articles Quantity			
	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	FY 03	FY 04 4.056	FY 05
Accomplishments/Effort/Subtotal Cost RDT&E Articles Quantity	FY 03		FY 05
RDT&E Articles Quantity  NALC plans to use a combination of softw	are development, training development, and configuration malling, Storage & Transportation (PHS&T), Exercise Planning,	4.056  anagement for the following OIS syst	
RDT&E Articles Quantity  NALC plans to use a combination of softw	are development, training development, and configuration milling, Storage & Transportation (PHS&T), Exercise Planning,	anagement for the following OIS systems.	ems: Ammunition

R-1 SHOPPING LIST - Item No. 66

## **UNCLASSIFIED**

EXHIBIT R-2a, RDT&E Project Justification		DATE:
·		February 2004
	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-4	0603739N Navy Logistic Productivity	T2920 Ordnance Management
C. PROGRAM CHANGE SUMMARY:		
Funding: Last President's Budget	FY 2003 FY 2004 4.445 4.102	4 FY 2005 2 4.474
Adjustments since the last President's Budg		
Current Baseline	4.346 4.056	
Summary of Adjustments Congressional program reduction Congressional undistributed reduce Congressional rescissions SBIR/STTR Transfer Economic Assumptions Section 8094 Management Imp Sec 8126 Efficiencies/Rev Reprogrammings		
FY 2003 Update		-0.003
PDB 604 - Inflation Congressional increases		-0.012
Subtotal	-0.099 -46.000	-0.015
Schedule:		
Not Applicable		
Taskada		
Technical:		
Not Applicable		
	R-1 SHOPPING LIST No. 66	28 of 58

R-1 SHOPPING LIST No. 66

### CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE:
			February 2004
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	
RDT&E, N / BA-4	0603739N Navy Logistic Productivity	T2920 Ordnance Management	
D. OTHER RECEASE CHARACTER			

### D. OTHER PROGRAM FUNDING SUMMARY:

### **E. ACQUISITION STRATEGY: \***

### FY 2003

OCT 02 - OIS Software Development & Configuration Management Support

JAN 03 - OIS Training & Documentation

### FY 2004

JAN 04 - RSS&I Integration

FEB 04 - Fleet Readiness

DEC 03 - Ordnance Data Warehouse

MAY 04 - ROLMS

MAY 04 - AIM

## FY 2005

OCT 05 - PHS&T and Joint Sent Toolkit JUN 05 - Weapons Maintenance Support and

JUL 05 - Explosive Safety

### F. MAJOR PERFORMERS: \*\*

Not Applicable

- \* Not required for Budget Activities 1,2,3, and 6
- \*\* Required for DON and OSD submit only.

R-1 SHOPPING LIST - Item No. 66

## CLASSIFICATION:

												DATE:		
Exhibit R-3 Cost Ar	nalysis (page	e 1)										February 2004		
APPROPRIATION/BUI				PROGRAM EL	EMENT	PROJECT NU	IMBER AND N	IAME						
RDT&E, N /	BA-4			0603739N Nav	y Logistic Productivity	T2920 Ordnar	nce Manageme	ent						
Cost Categories		Contract	Performing		Total		FY 03		FY 04		FY 05			
		Method & Type	Activity & Location			FY 03 Cost	Award Date		Award Date	FY 05 Cost	Award Date	Cost to Complete	Total Cost	Target Value of Contract
Primary Hardware Dev		а туре	Location		Cost	Cost	Date	Cost	Date	Cosi	Date	Complete	0.000	
Ancillary Hardware Dev	•		+										0.000	
Systems Engineering	velopment		+										0.000	
Licenses			+										0.000	
Tooling			+										0.000	
GFE			+										0.000	
Award Fees													0.000	
Subtotal Product Develo	opment					0.000		0.000		0.000	)	0.000		
<u> </u>		T				Γ	T	T	1	<u> </u>	T	Т	T	
Development Support Eq	uipment												0.000	
Software Development						3.032	10/02	2.789		3.221			9.042	
Training Development						0.249		0.287	10/03	0.224	10/04		0.760	
Integrated Logistics Supp						2.000	40/00	0.040	40/00	0.470	40/04		0.000	
Configuration Manageme	ent		+			0.206	10/02	0.246	10/03	0.179	10/04		0.631 0.000	
Technical Data GFE			+										0.000	
Subtotal Support						3.487		3.322		3.624		0.000		
Subtotal Support						3.467		3.322		3.024	:	0.000	10.433	<u>'l</u>
Remarks:														
rtomanto														

R-1 SHOPPING LIST - Item No. 66

## CLASSIFICATION:

5 1 7 7 B 0 0 1 1 1 1 1 1	0)											DATE:	
Exhibit R-3 Cost Analysis (pag APPROPRIATION/BUDGET ACTIVI	e 2)		PROGRAM EL	FMENT	DDO IECT NII	IMBER AND NA	NAT					February 2004	
RDT&E, N / BA-4	ΙΥ			LEMENT  /y Logistic Productivity									
Cost Categories	Contract	Performing		Total	12920 Oldnar	FY 03	IL .	FY 04	ı	FY 05	1		
Cost Categories	Method	Activity &			FY 03		FY 04	Award		Award	Cost to	Total	Target Value
	& Type	Location			Cost		Cost	Date		Date	Complete	Cost	of Contract
Developmental Test & Evaluation	J				0.489		0.45	+	0.537	10/04	- Compress	1.477	
Operational Test & Evaluation					0.266		0.20		0.268			0.734	
Tooling												0.000	
GFE												0.000	J
Subtotal T&E				0.000	0.755		0.65	1	0.805		0.000		
Contractor Engineering Support												0.000	,
Government Engineering Support												0.000	J
Program Management Support	WX	TBD			0.104		0.08	3 10/03	0.030	10/04		0.217	
Travel												0.000	)
Labor (Research Personnel)												0.000	
Overhead												0.000	)
Subtotal Management				0.000	0.104		0.08	3	0.030		0.000	0.217	
Remarks:													
Total Cost				0.000	4.346		4.05	6	4.459		0.000	12.861	
Remarks:													

R-1 SHOPPING LIST No. 66

## **UNCLASSIFIED**

EXHIBIT R4, Schedule Pr	ofile																								DATE Febru		04	
APPROPRIATION/BUDGET AF RDT&E, N /	CTIVIT	Υ				GRAM 739N N					D NAM	ΙE						IECT N									-	
Fiscal Year		20	003			20	004			20	005			20	06			20	07			20	08			20	09	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	2 3	4	1	2	3	4
Acquisition Milestones																												
Software Development, Testing & User Training																												
System Intergration																												
Test & Evaluation Milestones																												
Development Test Operational Test																												
Production Milestones																												
LRIP I FY 05																												
LRIPII FY 06 FRP FY 07																												
Deliveries																												

<sup>\*</sup> Not required for Budget Activities 1, 2, 3, and 6

Exhibit R-4 T2920

## **CLASSIFICATION:**

Exhibit R-4a, Schedule Detail						DATE:	
						February 2004	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	LEMENT		PROJECT NU	MBER AND N		
RDT&E, N / BA-4	0603739N Na		ductivity	T2920 Ordnan			
Schedule Profile		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Prototype Phase							
System Design Review (SDR)							
Milestone II (MSII)							
Contract Preparation							
Software Specification Review (SSR)							
Preliminary Design Review (PDR)							
System Development	Q1-Q4						
Critical Design Review (CDR)							
Quality Design and Build							
Test Readiness Review (TRR)							
Developmental Testing (DT-IIA)		Q1-Q4	Q1-Q4				
Eng Dev Model (EDM) Radar Delivery - Lab							
Software Delivery 1XXSW							
Preproduction Readiness Review (PRR)							
EDM Radar Delivery - Flt Related							
Milestone C (MS C)							
Operational Testing (OT-IIA)							
Start Low-Rate Initial Production I (LRIP I)							
Software Delivery 2XXSW							
Developmental Testing (DT-IIB1)							
Developmental Testing (DT-IIB2)							
Start Low-Rate Initial Production II							
Operational Testing (OT-IIB)							
Developmental Testing (DT-IIC)							
Functional Configuration Audit (FCA)							
Low-Rate Initial Production I Delivery							
Technical Evaluation (TECHEVAL)							
Physical Configuration Audit							
Operational Evaluation (OT-IIC) (OPEVAL)							
Low-Rate Initail Production II Delivery							
IOC							
Full Rate Production (FRP) Decision							
Full Rate Production Start							
First Deployment							

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Exhibit R-4a T2920

## **UNCLASSIFIED**

EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2004	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEM	ENT NUMBER AN	D NAME		PROJECT NUMBI	ER AND NAME	-	
RDT&E, N / BA-4	0603739N/Navy L	ogistic Productivity			2920/Advanced Te	echnology Ordnanc	e Surveillance	
COST (\$ in Millions)		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost		4.636	0.000	0.000	0.000	0.000	0.000	0.000
RDT&E Articles Qty								

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: A. (U) Joint Vision 2020 calls for a concerted, service-wide effort towards focused logistics, including real-time total asset visibility. One specific milestone in this effort is that by FY04 the services will "implement fixed and deployable automated identification technologies and information systems that provide accurate, actionable total asset visibility". Moreover, a November 1999 document issued by the Joint Chiefs of Staff outlined the 57 highest priority CSS requirements identified by Combatant CINC's and Joint Warfighters. Priority number eleven of the fifty-seven reads as follows, "Joint warfighter is looking for visibility of class V, ammunition, that is on-hand, in-transit or at the point of origin awaiting shipment. The information must be current, real-time information with projected departures and arrivals through each node of the distribution system."

For the last 4 years, the NSWC (in conjunction with a number of commercial industry RFID and MEMS manufacturers) has evaluated miniaturized RFID and MEMS devices that have the potential to resolve many of today's critical ammunition visibility and safety shortfalls. The results of these tests have led to the concept development and subsequent approval of the ATOS

- ACTD. Some of the more important aspects of this ACTD are:

  a. The RFID tags, attached to the munitions container, will be programmed to transmit its presence in a storage facility on a regular and frequent basis. This provides near real time visibility of critical munitions while in storage (a capability not available today) and coupled with the current in-transit visibility (ITV) infrastructure, while in-transit. If proven, this capability will complete the requirement for "...accurate and actionable total asset visibility" as required in FY04 by Joint Vision 2020.
- b. The MEMS sensor, when integrated into the RFID tag will facilitate the transmission of temperature and humidity readings. This data will then be stored in a centralized environmental database for use by the various weapons systems QA/QE managers. This capability has the potential of providing the warfighter with more reliable munitions and reduced ammunition accidents caused by currently unmonitored environmental extremes. Moreover, the system will provide local stores managers the benefit of automated alarms for high or low extremes in weapons storage environments.

R-1 SHOPPING LIST - Item No. 66

## CLASSIFICATION:

	on		DATE:
PROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	February 2004
T&E, N / BA-4	0603739N /Navy Logistic Productivity	2920/Advanced Technology Ordr	
Accomplishments/Planned Program	and the second s		
accomplishments/Flanned Frogram			
	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	0.383	0.000	0.000
RDT&E Articles Quantity			
(U) Complete Component and System Level To			
	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	0.359	0.000	0.000
RDT&E Articles Quantity	0.359	0.000	0.000
NOTAL Articles Quartity			
-			
(U) Complete Operational Testing of final deliver	eries		
(U) Complete Operational Testing of final deliver	eries		
(U) Complete Operational Testing of final deliv	eries		
(U) Complete Operational Testing of final deliv	eries		
(U) Complete Operational Testing of final deliv	eries		
(U) Complete Operational Testing of final deliv			
	FY 03	FY 04	FY 05
(U) Complete Operational Testing of final deliver the complete Operation of		FY 04 0.000	FY 05 0.000

## **CLASSIFICATION:**

EXHIBIT R-2a, RDT&E Project Justification	า		DATE:	
-			February 2004	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME		
RDT&E, N / BA-4	0603739N /Navy Logistic Productivity	2920/Advanced Technology Ordna	nce Surveillance	
Accomplishments/Plenned Bregger (Cont.)				
B. Accomplishments/Planned Program (Cont.)				
	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost	0.563	0.000	0.000	
RDT&E Articles Quantity				
(U) Complete Software Interfaces with each Serv	vice AIS			
	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost	0.903	0.000	0.000	
RDT&E Articles Quantity				
(II) Assess First Delivers of Headers				
(U) Accept Final Delivery of Hardware				
	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost	1.302	0.000	0.000	
RDT&E Articles Quantity				
(U) Non Recurring Engineeriing to modify COTS	items and integrate into a system			
	R-1 SHOPPING LIST - Item No. 66	36 of 58		

#### **CLASSIFICATION:**

EXHIBIT R-2a, RDT&E Project Justificat	tion		DATE:	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAM	February 2004	
RDT&E, N / BA-4	0603739N /Navy Logistic Productivity	2920/Advanced Technology O	dnance Surveillance	
3. Accomplishments/Planned Program (Cont.)				
	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost	1.070	0.000	0.000	
RDT&E Articles Quantity				
(U) Military Utility Assessment				
Accomplishments/Effort/Subtotal Cost	FY 03 0.056	FY 04 0.000	FY 05 0.000	
RDT&E Articles Quantity			3,555	
(U) Transition				
	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost	0.000	0.000	0.000	
RDT&E Articles Quantity				
	D 4 CHODDING LICT Ham No. CC	27 of 50		

R-1 SHOPPING LIST - Item No. 66

#### **CLASSIFICATION:**

EXHIBIT R-2a, RDT&E Project Justification					DATE:	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUM	ADED AND NAME	In	PROJECT NUMBER A	February 2004	
RDT&E, N / BA-4	0603739N /Navy Logistic Pr	roductivity	2	2920/Advanced Lechno	ology Ordnance Surveillance	
C. PROGRAM CHANGE SUMMARY:						
Funding:		FY 2003	FY 2004	FY 2005		
Previous President's Budget (FY 03 Pres Contro	ols):	4.900	0.000	0.000		
Current BES/President's Budget: (FY04 Preside	nt Controls Controls)	4.636	0.000	0.000		
Total Adjustments		-0.264	0.000	0.000		
Summary of Adjustments						
Technical Relignment - Navsup		4.900	0.000	0.000		
FY03_SBIR_5-MAY_03		-0.126	0.000	0.000		
Minor Adjustments		-0.138	0.000	0.000		
Subtotal		4.636	0.000	0.000		
Schedule:						
Not Applicable.						
Technical:						
Not Applicable.						
		IODDING LICT II		00 (50		

R-1 SHOPPING LIST - Item No. 66

### **UNCLASSIFIED**

									DATE:				
Exhibit R-3 Cost Analysis (paga APPROPRIATION/BUDGET ACTIV	ge 1)								February	/ 2004			
APPROPRIATION/BUDGET ACTIV	TTY		PROGRAM EI	LEMENT			PROJECT N	UMBER AND N		•			
RDT&E, N / BA-4			0603739N /Na	avy Logistic Pro	oductivity		2920/Advanc	ed Technology	Ordnance S	urveillance			
Cost Categories	Contract	Performing		Total		FY 03		FY 04		FY 05			
	Method	Activity &		PY s	FY 03	Award	FY 04	Award	FY 05	Award	Cost to		Target Value
	& Type	Location		Cost	Cost	Date	Cost	Date	Cost	Date	Complete		of Contract
Primary Hardware Development												0.000	
Systems Engineering	IDIQ	TBD			0.383	10/02						0.383	
Engineering Developemnt												0.000	
												0.000	
												0.000	
Demonstration & Evaluation												0.000	
												0.000	
Licenses												0.000	
Tooling												0.000	
GFE												0.000	
Award Fees												0.000	
Subtotal Product Development					0.383	1					0.000	0.383	
Development Support												0.000	
Software Development	IDIQ	TBD			0.359	01/03						0.359	
Training Development												0.000	
Integrated Logistics Support												0.000	
Configuration Management												0.000	
Technical Data												0.000	
GFE												0.000	
Award Fees												0.000	
Subtotal Support				0.000	0.359	)	0.00	0	0.	000	0.000	0.359	
Remarks:													

R-1 SHOPPING LIST - Item No. 66

#### **CLASSIFICATION:**

								DATE:				
Exhibit R-3 Cost Analysis (pag	je 2)							February	/ 2004			
APPROPRIATION/BUDGET ACTIV	ITY		I ELEMENT			PROJECT N						
RDT&E, N / BA-4			/Navy Logistic Pro	ductivity		2920/Advano	ed Technolo	gy Ordnance S			_	
Cost Categories	Contract	Performing	Total	E) ( 00	FY 03	5) ( 6 (	FY 04	574.05	FY 05		<b>-</b>	
	Method	Activity & Location	PY s	FY 03 Cost	Award Date	FY 04 Cost	Award Date	FY 05 Cost	Award Date	Cost to	Total	Target Value of Contract
Decelor and the Control of the Contr	& Type	TBD	Cost			Cost	Date	Cost	Date	Complete	Cost	
Developmental Test & Evaluation	IDIQ			0.184	03/03						0.184	
Operational Test & Evaluation	IDIQ	TBD		0.178	06/03						0.178	
Live Fire Test & Evaluation											0.000	
Test Assets							+				0.000	
Tooling											0.000	
GFE	IDIQ	NAVSEA Indian Head		0.201	03/03						0.201	
Award Fees											0.000	
Subtotal T&E			0.000	0.563		0.00	0	0.	000	0.000	0.563	
Contractor Engineering Support	IDIQ	TBD		0.903	01/03						0.903	
Government Engineering Support				1.302	10/02						1.302	
Program Management Support	GSA	Logmation		1.070	10/02						1.070	
Travel	GSA	Logmation		0.032	10/02						0.032	
Labor (Research Personnel)	MIPR	NAVSEA PHST		0.024	12/02						0.024	
SBIR Assessment											0.000	
Subtotal Management			0.000	3.331		0.00	0	0.	000	0.000	3.331	
Remarks:												
Total Cost			0.000	4.636		0.00	0	0.	000	0.000	4.636	
Remarks:	•		,				•	-	•	•	,	,

R-1 SHOPPING LIST - Item No. 66

### **UNCLASSIFIED**

EXHIBIT R-2a, RDT&E Project Justi	ification						DATE:	
							February	2004
APPROPRIATION/BUDGET ACTIVITY	PROGRAM	ELEMEN	T NUMBER	R AND NAME	PROJECT NU	MBER AND	NAME	
RDT&E, BA-4	0603739N N	Navy Logis	tic Product	ivity	W2955 JEDMICS			
COST (\$ in Millions)		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost		* 3.383	3.450	2.962	2.954	3.037	3.098	3.164
RDT&E Articles Qty								

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: In FY85 Congress directed the Services and Defense Logistics Agency to permanently capture, manage and control engineering data in digital format so it would be available to support competitive spares re-procurement. The Joint Engineering Data Management Information & Control System (JEDMICS) program manages and controls 77,000,000 engineering images and has 34,000 authorized users responsible for over 70,000 user sessions per month. Over 2.5 million digital images are retrieved each month. New data and new users are added each month as DoD re-engineers its business processes to take advantage of digital data that is managed and controlled for corporate reuse. The JEDMICS system is deployed at 26 interoperable sites that service 600 locations worldwide. Data stored in JEDMICS is used for Logistics Support, Spares re-procurement, Weapons Systems procurement, Engineering, Maintenance, Distribution, Manufacturing, Air National Guard and Deployed Engineering Technical Services organizations. JEDMICS facilitates work process re-design since its brings the electronic drawings to the desktop, shop floor or flight line in real time eliminating walk, wait and slack time to retrieve drawings. Additionally, Administrative Lead Time, Repair Turn Around Time, ECP processing time, demilitarization time, and all cycle times dependent on engineering data have decreased with the real time availability of digital engineering data. JEDMICS also facilitates Electronic Commerce since it produces digital technical data packages that can be forwarded along with an electronic order. Funds are for Commercial Off The Shelf (COTS) test, evaluation and integration. JEDMICS development efforts are required to integrate and test COTS upgrades.

* The FY03 control was erroneously overstated.	y \$3.4M due to Issue 68849.	The correct amount is reported	i above.
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R-1 SHOPPING LIST - Item No.	66	41 of 58
		_

	ustification		DATE:	
			February 2004	
ROPRIATION/BUI PROGRAM ELE	EMENT NUMBER AND NAME	PROJECT NUM	MBER AND NAME	
<b>T&amp;E, N /</b> 0603739N Navy	/ Logistic Productivity	W2955 JEDMI	CS	
Accomplishments/Planned Progra	am			
	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal C	Cost 2.422	2.429	2.225	
RDT&E Articles Quantity				
integration and testing of annual barequired to protect the \$21B digital			of the JEDMICS system that is	
	FY 03	T 57.04	FY 05	
Accomplishments/Effort/Subtotal C		FY 04 0.199	0.204	
RDT&E Articles Quantity	0.211	0.199	0.204	
RD FGE Fittoles Qualitity				
(U) Conduct technical evaluations	•	,		
(U) Conduct technical evaluations		T FY 04	FY 05	
(U) Conduct technical evaluations and a second conduct technical evaluations are a second conduct technical evaluations and a second conduct technical evaluations are a second conduct technical evaluations and a second conduct technical evaluations are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct technical evaluation are a second conduct technical evaluation and a second conduct	FY 03 Cost 0.750	FY 04 0.822	FY 05 0.533	
		_		
Accomplishments/Effort/Subtotal C	Cost 0.750	0.822	0.533	

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### **CLASSIFICATION:**

EXHIBIT R-2a	, RDT&E Project Justifica	ation					DATE:	
								February 2004
	N/BUDGET ACTIVITY		PROGRAM ELEM	ENT NUMBER AN	ID NAME	PROJECT NUMBER	AND NAME	
RDT&E, N /		BA-4	0603739N Navy L	ogistic Productivity	,	W2955 JEDMICS		
C. PROGRA	AM CHANGE SUMMARY:							
F	Funding:			FY 2003	FY 2004	FY 2005		
	Previous President's Budget:			3.498	3.489	3.483		
(	Current President's Budget:			3.383	3.450	2.962		
Т	Total Adjustments			-0.115	-0.039	-0.521		
		Summary of Adjustr	nents					
			essional program reduc	tions				
			essional undistributed r		-0.039			
			essional rescissions					
			TTR Transfer	-0.081				
		OSD						
		Reprior	tization			-0.511		
			nic Assumptions			-0.010		
			rammings	-0.034				
			ssional increases					
		Subtota	I	-0.115	-0.039	-0.521		
S	Schedule:							
	Not Applicable.							
T	Гесhnical:							
	Not Applicable.							
	пот Арріїсавів.							
				5 / 61165	DIV. 10 1 10 2	I Itama NIa CC		40 (50

R-1 SHOPPING LIST - Item No. 66

# **UNCLASSIFIED**

XHIBIT R-2a, RDT&E Project Justific	ation DATE: February 2004
PROPRIATION/BUDGET ACTIVITY  DT&E, N / BA-4	PROGRAM ELEMENT NUMBER AND NAN PROJECT NUMBER AND NAME 0603739N Navy Logistic Productivity W2955 JEDMICS
D. OTHER PROGRAM FUNDING S	
Line Item No. & Name	To Total <u>FY 2003</u> <u>FY 2004</u> <u>FY 2005</u> <u>FY 2006</u> <u>FY 2007</u> <u>FY 2008</u> <u>FY 2009</u> <u>Complete</u> <u>Cost</u>
OPN BLI 331100, JEDMICS	11.747 6.353 18.1
5 400 HOLTON OTD 4750V	
E. ACQUISITION STRATEGY:	
	eneral Services Administration schedules with various vendors and are for software maintenance and COTS evaluation and ee base reviews are conducted quarterly by the PMO.
F. MAJOR PERFORMERS:	
	R-1 SHOPPING LIST - Item No. 66 44 of 58

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### **UNCLASSIFIED**

Exhibit R-3 Cost Analy	sis (page 1	1)							DATE:	F	ebruary 20	004	
APPROPRIATION/BUDGE			PROGRAM ELE	MENT			PROJECT NUI	MBER AND	NAME	-	00.00.7		
RDT&E, BA-4			0603739N Navy		roductivity		W2955 Joint E			aement In	formation &	Control Svs	tems
Cost Categories	Contract Method & Type	Performing Activity & Location		Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total	Target Va
Subtotal Product Developme													
Remarks:													
Remarks:													
	C-FFP		ımman Informa-	2.666	2.279	12/02	2.429	12/03	2.225	12/04	14.052	23.651	23.651
1			mman Informa- ogy, McLean, VA				2.429	12/03	2.225	12/04	14.052		23.651
oftware Development oftware Development	C-FFP C-ID/IQ C-FFP			2.666 0.073		04/03	2.429	12/03	2.225	12/04	14.052	23.651 0.170 0.046	0.170
Software Development Software Development Software Development	C-ID/IQ				0.097	04/03	2.429	12/03	2.225	12/04	14.052	0.170	23.651 0.170 0.046

Remarks: Funds are for development efforts associated with COTS obsolescence on the fully deployed COTS Intensive Joint Engineering Data Management Infomation & Control System (JEDMICS). Funds are for COTS evaulation, integration, and test and evaluation. The common baseline will be regained and obsolete COTS software and hardware will be replaced. Baseline releases will protect joint interoperability, upgrade operating systems for security patches and supportable versions, support integration to replace obsolete COTS, and upgrade the Oracle database to supportable versions.

R-1 SHOPPING LIST - Item No. 66

## **UNCLASSIFIED**

E 1 11 11 D 0 0 . ( A . 1 . 1 . /	٥)							DATE:	_			
Exhibit R-3 Cost Analysis (pag			I== 0 0= = . =	_		I			Fe	bruary 20	04	
APPROPRIATION/BUDGET ACTIV	TIY		PROGRAM ELEMEN				NUMBER AND NAM					
RDT&E, N / BA-4			0603739N Navy Logis	stic Produc		W2955 Jo	int Engineering Data	Management Info		Control Sys	tem (JEDN	IICS)
Cost Categories	Contract	Performin			FY 03		FY 04		FY 05			
	Method	Activity &	PY s	FY 03	Award		Award	FY 05	Award	Cost to	Total	Target Value
	& Type	Location	Cost	Cost	Date	Cost	Date	Cost	Date	Complete		of Contract
Developmental Test & Evaluation	C-CPAF		0.353	0.397	12/02	0.462	12/03	0.469	12/04	2.992		
Developmental Test & Evaluation	C-FFP		0.004								0.004	
Developmental Test & Evaluation	MIPR		0.648			0.321		0.025		0.159		
Developmental Test & Evaluation	WR		0.017	0.020		0.020		0.020		0.127		
Award Fees (Performance 93%,	C-CPAF		0.016	0.016	12/02	0.019	12/03	0.019	12/04	0.121		
32.5% of Fees Awarded)											0.000	
Subtotal T&E			1.038	0.750		0.822		0.533	:	3.399	6.542	)
Government Engineering Support Government Engineering Support Program Management Support Fravel	MIPR WR WR TO		0.163	0.147 0.014 0.019 0.031	07/03	0.149 0.019 0.031	10/03	0.152 0.020 0.032	10/04	0.970 0.127 0.205	0.014 0.282	
Fravel	WR		0.007								0.007	•
					N/A							
Subtotal Management			0.267	0.211		0.199		0.204		1.302	2.183	
Remarks: Supports requirements	managemer	nt at the Prin	ne Contractor location.									
Total Cost			4.044	3.383	3	3.450		2.962		18.753	32.592	
Remarks:												
			R-1 SH0									

Exhibit R-3 pg2 W2955

#### CLASSIFICATION:

EXHIBIT R4, Sche	dule Pr	ofile																							DATE:		Feb	ruary	2004		
APPROPRIATION/BU	DGET A	CTIVIT	Y									T NUMI		ID NAME								CT NUM			anageme	ent Infor				m	
Fiscal Year		20	002			20	003			20				20	05			200	06				07			2008			•	2009	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2 3	. 4
Acquisition Milestones					MSIIII	D/C3			MS IIIE	/C4		N	/SIIIF/C!				MS IIIG/	C6			MSIIIH/	C7			MSIIII/C	8:8			MSIIIJ/C	9	
Requirements: Service IPT/ECPs			Re	lease 3	.4		R	elease	3.5		Re	elease 3	8.6		Re	ease 3	.7		Re	elease 3.	8		Rele	ase 3.9			Re	lease 3	3.10	Releas	;e 3.11
Contract Award		<b>A</b>			<b>A</b>				<b>A</b>				Δ				Δ				Δ				Δ				Δ		
Software and Hardware Evaluation / Integration		R	elease 3	3.3	F	Releas	e 3.4		R	elease	.5		Re	elease 3.	60		Rele	ase 3.7			Rel	ease 3.8			Rel	ease 3.9			Relea	ase 3.10	
Test & Evaluation Milestones			Release	2.2		F	Release	3.4		Re	lease 3	1.5		Re	ease 3.0	3		Pol	ease 3.	,											
Risk Assessment			Aciease	3.3							Δ			110				IXE	A Se S.			Rele	ase 3.8			Re	lease 3.	.9		Release	3.10
Developmental/Functional Testing			Re	lease 3	.3		Releas				Re	lease 3.			Rele	ase 3.6	5		Rele	ease 3.7	,		Rele	ease 3.8			Re	lease 3	3.9	Releas	se 3.1
Alpha/Beta Testing				Rele	ase 3.	3		Rel	ease 3.			Rele	ase 3.5			Relea	ase 3.6			Relea	ase 3.7			Relea	se 3.8			Releas	e 3.9	Release	3.10
Deliveries: Engineering Change Packa	ge				Releas	e 3.3			Releas	e 3.4		F	elease	3.5			Release	3.6		R	elease	3.7		R	elease 3.	8 \8			Release	3.9	

# **UNCLASSIFIED**

Exhibit R-4a, Schedule Detail						DATE:		
							February	/ 2004
APPROPRIATION/BUDGET ACTIVITY	PROGRAM	√ ELEMEN	Τ		PROJECT NUMB	ER AND NAME		
RDT&E, BA-4	0603739N	Navy Logis	stic Product	ivity	W2955 JEDMICS			
Schedule Profile	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Contract Award	2Q							
Software Hardware Evaluation/Integration Release 3.3	2Q-3Q							
Risk Assessment Release 3.3	3Q							
Developmental/Functional Testing Release 3.3	4Q							
Service IPT/ECPs Release 3.4	4Q							
Alpha/Beta Testing Release 3.3	4Q	1Q						
Engineering Change Package Release 3.3		1Q						
Milestone IIID or C3 (MSIIID/C3) Release 3.3		1Q						
Contract Award		1Q						
Software Hardware Evaluation/Integration Release 3.4		1Q-3Q						
Risk Assessment Release 3.4		3Q						
Developmental/Functional Testing Release 3.4		4Q						
Service IPT/ECPs Release 3.5		4Q						
Alpha/Beta Testing Release 3.4		4Q	1Q					
Engineering Change Package Release 3.4			1Q					
Milestone IIIE or C4 (MSIIIE/C4) release 3.4			1Q					
Contract Award			1Q					
Software Hardware Evaluation/Integration Release 3.5			1Q-3Q					
Risk Assessment Release 3.5			3Q					
Developmental/Functional Testing Release 3.5			4Q					
Service IPT/ECPs Release 3.6			4Q					
Alpha/Beta Testing Release 3.5			4Q	1Q				
Engineering Change Package Release 3.5				1Q				
Milestone IIIF or C5 (MSIIIF/C5) Release 3.5				1Q				
Contract Award				1Q				
Software Hardware Evaluation/Integration Release 3.6				1Q-3Q				
Risk Assessment Release 3.6				3Q				
Developmental/Functional Testing Release 3.6				4Q				
Service IPT/ECPs Release 3.7				4Q				
Alpha/Beta Testing Release 3.6				4Q	1Q			
Engineering Change Package Release 3.6					1Q			
Milestone IIIG or C6 (MSIIIG/C6) Release 3.6					1Q			
Contract Award					1Q			
Software Hardware Evaluation/Integration Release 3.7					1Q-3Q			
Risk Assessment Release 3.7					3Q			

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Exhibit R-4a W2955

**UNCASSIFIED** 

# **UNCLASSIFIED**

Exhibit R-4a, S	Schedule Detail					DATE:	Februar	y 2004
APPROPRIATIO	N/BUPROGRAM ELEI	MENT			PROJECT N	UMBER AND		,
RDT&E, BA-4		Logistic Productivity			W2955 JEDI			
Schedule Prof		FY 2003	FY 2004	FY 2005		FY 2007	FY 2008	FY 2009
	lopmental/Functional T				4Q			
	ce IPT/ECPs Release				4Q			
	/Beta Testing Release				4Q	1Q		
	neering Change Packag					1Q		
	tone IIIH or C7 (MSIIIH/					1Q		
	act Award	,				1Q		
Softw	are Hardware Evaluati	on/Integration Release 3.8				1Q-3Q		
	Assessment Release 3					3Q		
Devel	lopmental/Functional T	esting Release 3.8				4Q		
	ce IPT/ECPs Release					4Q		
	/Beta Testing Release					4Q	1Q	
Engin	neering Change Packag	ge Release 3.8					1Q	
Milest	tone IIII or C8 (MSIIII/C	8) release 3.8					1Q	
Contra	act Award						1Q	
Softwa	are Hardware Evaluati	on/Integration Release 3.9					1Q-3Q	
Risk A	Assessment Release 3	3.9					3Q	
Devel	lopmental/Functional T	esting Release 3.9					4Q	
	ce IPT/ECPs Release 3						4Q	
	/Beta Testing Release						4Q	1Q
	neering Change Packag							1Q
	tone IIIJ or C9 (MSIIIJ/0	C9) Release 3.9						1Q
	act Award							1Q
		on/Integration Release 3.10						1Q-3Q
	Assessment Release 3							3Q
	lopmental/Functional T							4Q
	ce IPT/ECPs Release 3							4Q
Alpha	/Beta Testing Release	3.10						4Q
					ļ			
					ļ			
					ļ			
					ļ			
		HOPPING LIST - Item N			49 of 58			

### **UNCLASSIFIED**

EXHIBIT R-2a, RDT&E Project Justi	fication						DATE:	
							Februa	ry 2004
APPROPRIATION/BUDGET ACTIVITY	PROGRAM	I ELEMEN	T NUMBER	AND NAM	PROJECT	NUMBER .	AND NAME	
RDT&E, BA-4	0603739N	Navy Logis	stic Product	ivity	W9047 JE	DMICS Ent	nancements	3
COST (\$ in Millions)		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost		2.006	2.472					
RDT&E Articles Qty								

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: In FY85 Congress directed the Services and Defense Logistics Agency to permanently capture, manage and control engineering data in digital format so it would be available to support competitive spares re-procurement. The Joint Engineering Data Management Information & Control System (JEDMICS) program manages and controls 77,000,000 engineering images and has 34,000 authorized users responsible for over 70,000 user sessions per month. Over 2.5 million digital images are retrieved each month. New data and new users are added each month as DoD re-engineers its business processes to take advantage of digital data that is managed and controlled for corporate reuse. The JEDMICS system is deployed at 26 interoperable sites that service 600 locations worldwide. Data stored in JEDMICS is used for Logistics Support, Spares re-procurement, Weapons Systems procurement, Engineering, Maintenance, Distribution, Manufacturing, Air National Guard and Deployed Engineering Technical Services organizations. JEDMICS facilitates work process re-design since its brings the electronic drawings to the desktop, shop floor or flight line in real time eliminating walk, wait and slack time to retrieve drawings. Additionally, Administrative Lead Time, Repair Turn Around Time, ECP processing time, demilitarization time, and all cycle times dependent on engineering data have decreased with the real time availability of digital engineering data. JEDMICS also facilitates Electronic Commerce since it produces digital technical data packages that can be forwarded along with an electronic order. Funds are for Commercial Off The Shelf (COTS) test, evaluation and integration. JEDMICS development efforts are required to integrate and test COTS upgrades.

R-1 SHOPPING LIST - Item 66

# **UNCLASSIFIED**

EXHIBIT R-2a	, RDT&E Project Justification			DATE:	
			Fe	bruary 2004	
	N/BUPROGRAM ELEMENT NUMBER	AND NAME		NUMBER AND NAME	
RDT&E, N /	0603739N Navy Logistic Productiv	⁄ity	W9047 JE	DMICS	
B. Accomplish	ments/Planned Program				
		FY 03	FY 04	FY 05	
Accor	mplishments/Effort/Subtotal Cost	2.006	2.472	1100	
	E Articles Quantity				
	omplied with Congressional direction for gement Enhancements.	· JEDMICS WEB Ir	nterface and i	Technical Data	
		FY 03	FY 04	FY 05	
	nplishments/Effort/Subtotal Cost				
RDT8	E Articles Quantity				
	nplishments/Effort/Subtotal Cost	FY 03	FY 04	FY 05	
IND TO	L Tutolos Quantity				

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# **UNCLASSIFIED**

XHIBIT R-2a, RDT&E Project Justification			DATE:	
			bruary 200	
PPROPRIATION/BUPROGRAM ELEMENT NUMBER A	AND NAME	PROJECT	NUMBER AN	ID NAME
DT&E, N / 0603739N Navy Logistic Productiv	rity .	W9047 JE	DMICS	
. Accomplishments/Planned Program				
	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost	2.006	2.472		
RDT&E Articles Quantity				
(U) Complied with Congressional direction for Management Enhancements.	JEDMICS	WEB Interf	ace and Tech	inical Data
	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost				
RDT&E Articles Quantity				
	FV 00	F)/ 0 /	E)/ 05	
A a a manuficial majorita / Effect / Cultitate   Coat	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost			<del>                                     </del>	
DDT9 F Articles Quantity				
RDT&E Articles Quantity				
RDT&E Articles Quantity		<u> </u>		
RDT&E Articles Quantity				
RDT&E Articles Quantity		1	<u></u>	
RDT&E Articles Quantity		l		
RDT&E Articles Quantity				

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Exhibit R-2a pg3 9047

EXHIBIT R-2a, RDT&E Project Justification	on					DATE:	
							February 2004
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT NU			PROJECT NUMBER AND	D NAME	
RDT&E, N /	BA-4	0603739N Navy Logistic P	Productivity		W9047 JEDMICS		
C. PROGRAM CHANGE SUMMARY:							
Funding:			FY 2003	FY 2004	FY 2005		
FY04 President's Budget:			2.054	0.000			
FY05 DON Budget Submit			2.006	2.472			
Total Adjustments			-0.048	2.472	0.000		
	Summary of A	diustments					
		ssional program reductions					
		ssional undistributed reduction	าร	-0.028			
		ssional rescissions					
		TR Transfer	-0.048				
	OSD						
		MB/Sponsor/NAVAIR)					
		ic Assumptions					
		ammings					
	Congres Subtotal	sional increases	-0.048	2.500 2.472	0.000		
	Subiolai		-0.046	2.412	0.000		
Schedule:							
Not Applicable							
Technical:							
Not Applicable							
			PING LIST -		66		

R-1 SHOPPING LIST - Item No. 66

# **UNCLASSIFIED**

HIBIT R-2a, RDT&I	E Project Justification							DATE:	Februai	ny 2004
ROPRIATION/BUDGE	T ACTIVITY BA-4	PROGRAM 0603739N				PROJECT W9047 JE		<u>I</u> And Name		y 2004
D. OTHER PRO	OGRAM FUNDING SUMMARY:								То	Total
Line Item No. & N	<u>ame</u>	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Cost
OPN	I BLI 331100, JEDMICS	11.747	6.353							18.1
E. ACQUISITION	STRATEGY:									
	Contracting is via General Service integration. Performance base re					d are for sof	tware mair	itenance ar	d COTS eva	aluation

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**Exhibit R-3 9047** 

## **UNCLASSIFIED**

								DATE:				
Exhibit R-3 Cost A	ınalysis ( <sub>l</sub>	page 1)								February 2	2004	
APPROPRIATION/BU	JDGET AC	TIVITY PROGE	RAM ELEMEN	T		PROJECT	NUMBER	AND NAM	1E			
RDT&E, BA-4			9N Navy Logis			W9047 JE						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract
										-		
Subtotal Product Deve	lopment											
Software Development	C-FFP	Northrop Grumman I	nfor 2.932	1.906	07/03	2.472	03/04				7.310	7.310
		tion Technology, McI										
Software Development	C-ID/IQ	Lockheed Martin, Ow	/egc 1.733								1.733	
Studies & Analyses	SS-FFP			0.100	07/03						0.100	0.100
Subtotal Support			4.665	2.006		2.472					9.143	9.143
Remarks: FY 2003 accessible formats. as the Navy transiti portals. The efforts	These eff ons to a sir	orts reduce the num	nber of JEDMI 04 funds are u	CS related of sed for deve	desktop a elopment	pplications a and test effo	ind retain orts to enha	data acces ance Web	sibility and JEDMICS fo	interoperabil	ity across t	he Services

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# **UNCLASSIFIED**

								DATE:				
Exhibit R-3 Cost A	Analysis (	page 2)								February:	2004	
APPROPRIATION/B	UDGET AC	TIVITY PROG	RAM ELEMEN	IT		PROJEC	T NUMBE	R AND NA	ME			
RDT&E, BA-4			39N Navy Logi	stic Produ		W9047 J	JEDMICS					
Cost Categories	Contract	Performing	Total		FY 03		FY 04		FY 05			
	Method	Activity &	PY s	FY 03	Award	FY 04	Award	FY 05	Award	Cost to		Target Value
	& Type	Location	Cost	Cost	Date	Cost	Date	Cost	Date	Complete		of Contract
											0.000	
											0.000	
											0.000	
Subtotal T&E			0.000								0.000	
Government Engineerin	<b>J</b> WR	I	0.060	ı	T				T	1	0.060	
Government Engineerin	VVIX		0.000								0.000	
Subtotal Management			0.060								0.060	
Subtotal Management	<u> </u>		0.060	<u> </u>	_						0.000	
Remarks:												
Total Cost			4.725	2.0	06	2.4	72				9.203	
Remarks:												

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### **UNCLASSIFIED**

EXHIBIT R4, Schedule Profile					OLAGOII ILL		DATE:	
APPROPRIATION/BUDGET ACTIVITY RDT&E, BA-4		PROGRAM ELEM 0603739N Navy L			ME	PROJECT NUMBER AND W9047 JEDMICS Enhance	NAME	ruary 2004
2002 2006 Fiscal Year		2004		2005	2006	2007	2008	2009
1 2 3 4 1 2	3 4	1 2 3	4 1	2 3 4	1 2 3 4	1 2 3	4 1 2 3 4	1 2 3 4
Acquisition Milestones	OAI	1 A W// I K	/AM (A)	OGWAM (B) TOC	DV IOC			
Contract Awards Open Application Interface (OAI) Web Tool Kit (WTK)								
Web Application Modification WAM) Data Viewing (DV)	WAM (A	WAIM (B)						
Open Application Interface Development Web Tool Kit Development/ Evaluation	AI WTI		WAM (B)					
Web Application Modification  Development  Data Viewing Development				DV				
Test & Evaluation Milestones   Open Application Interface Development Test   Web Application Modification Test and Evaluation		OAI WAM	(A)	WAM (B)				
Data Viewing Test & Eval.  Deliveries		OAI WTK		DV				
Web Tool Kit		WAM (	(A) \( \langle \)	WAM (B)				
Data Viewing			R-1 SH	$\leftarrow$		57 of 58		

Exhibit R-4a, Schedule Detail	UNCL	ASSI	FIED			DATE:	Februa	ry 2004
APPROPRIATION/BUDGET ACTIVITY	PROGRAM	M ELEMEN	T		PROJECT	NUMBER	and name	
RDT&BA-4	0603739N	Navy Logis	stic Product	ivity	W9047 JE	DMICS Enl	nancement	S
Schedule Profile					FY 2006	FY 2007	FY 2008	FY 2009
Open Application Interface Contract Award		1Q						
Web Tool Kit Contract Award		1Q						
Open Application Interface Development		1Q-4Q						
Web Tool Kit Development/Evaluation		1Q-4Q	1Q-2Q					
Open Application Interface Development Test			1Q					
Open Application Interface Version 2.3 Software Delivery			1Q					
Open Application Interface Initial Operating Capability			1Q					
Web Tool Kit Delivery			2Q					
Web Tool Kit Initial Operating Capability			2Q					
Web Application Modification (A) Contract Award		4Q						
Web Application Modification (A) Development		4Q	1Q-3Q					
Web Application Modification (A) Test and Evaluation			3Q-4Q					
Web Application Modification (A) Delivery			4Q					
Web Application Modification (B) Contract Award			2Q					
Web Application Modification (B) Development			3Q-4Q	1Q-2Q				
Web Application Modification (B) Test and Evaluation				2Q				
Web Application Modification (B) Delivery				3Q				
Data Viewing Contract Award			2Q					
Data Viewing Development			3Q-4Q	1Q-2Q				
Data Viewing Test and Evaluation				2Q				
Data Viewing Delivery				3Q				

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